

Tutorial T8/Panel Session: Driver Selection for Mechanical Drive Service

Wednesday, September 24, 2014

8:30 A.M. – 10:00 A.M. Room 330A

Panelists: Vinod Patel (KBR), Shawn Walth (KBR), Mark Weatherwax (Chevron), Rainer Kurz (Solar Turbines), Cyrus Meher-Homji (Bechtel Corp.), Gampa Bhat (Mitsubishi Compressor International Corp.)

This panel will cover different types of drivers for mechanical drive service including steam and gas turbines, electric motors and heat recovery cycles. Panel members will discuss the different technologies available, and how they fit into a decision matrix for different projects. The discussion will be technology neutral, with a focus only on approaches for driver selection, technical aspects, pros and cons of different technologies, and a brief discussion relating to key issues such as life cycle costs, reliability, efficiency, maintenance, larger driver sizes, new technologies and trends in the Oil and Gas Industry.

Topics will include Capex / Opex, environmental constraints, fuel considerations, O&M strategy, power margins, startup consideration and the qualification of new drivers. The panel will be focused to users in a range of Oil and Gas Markets including petrochemicals, offshore, LNG, and refineries.